

**TABLE 22-4.** Nutrient Composition of CYCLINEX®-1 <sup>1,3</sup> and CYCLINEX®-2 <sup>2,3</sup>

Nutrient	Cyclinex- 1		Cyclinex-2	
	(per 100 g pwd)	(per g protein equiv)	(per 100 g pwd)	(per g protein equiv)
<b>Energy, kcal</b>	510	68	440	32
<b>Protein equiv, g</b>	7.50	1.000	15.00	1.000
<b>Nitrogen, g</b>	1.20	0.160	2.40	0.160
<b>Amino acids, g</b>	9.65	1.287	19.30	1.287
Cystine, g	0.30	0.040	0.60	0.040
Histidine, g	0.36	0.048	0.72	0.048
Isoleucine, g	1.28	0.170	2.56	0.170
Leucine, g	2.17	0.289	4.34	0.289
Lysine, g	1.11	0.148	2.22	0.148
Methionine, g	0.34	0.045	0.68	0.045
Phenylalanine, g	0.75	0.100	1.50	0.100
Threonine, g	0.75	0.100	1.50	0.100
Tryptophan, g	0.28	0.037	0.56	0.037
Tyrosine, g	0.88	0.117	1.76	0.117
Valine, g	1.43	0.190	2.86	0.190
<b>Other Nitrogen-Containing Compounds</b>				
L-Carnitine, mg	190	25.00	370	24.67
Taurine, mg	40	5.3	60	4.00
<b>Carbohydrate, g</b>	57.0	7.60	45.0	3.00
<b>Fat, g</b>	24.6	3.28	17.0	1.13
Linoleic acid, g	2.00	0.266	1.82	0.121
$\alpha$ -Linolenic acid, g	0.41	0.055	0.28	0.019
<b>Minerals</b>				
Calcium, mg	650	86	1,150	77
Chloride, mg/mEq	390/11.00	52.0/1.47	1,325/37.37	88.3/2.49
Chromium, $\mu$ g	12	1.60	37	2.47
Copper, mg	1.25	0.167	1.30	0.09
Iodine, $\mu$ g	80	10.67	150	10
Iron, mg	10.0	1.33	17.0	1.13
Magnesium, mg	55	7.3	300	20.0
Manganese, mg	0.50	0.067	1.00	0.07
Molybdenum, $\mu$ g	13	1.73	40	2.67
Phosphorus, mg	455	60	1,020	68
Potassium, mg/mEq	760/19.44	101/2.59	1,800/46.03	120/3.07
Selenium, $\mu$ g	25	3.33	37	2.47
Sodium, mg/mEq	215/9.35	28.7/1.25	1,175/51.11	78.3/3.41
Zinc, mg	9.5	1.27	17.0	1.13
<b>Vitamins</b>				
A, $\mu$ g RE	480	64	908	61
D, $\mu$ g	7.50	1.00	8.12	0.54
E, mg $\alpha$ -TE	11.40	1.52	16.11	1.10
K, $\mu$ g	60	8.0	70	4.67
Ascorbic acid, mg	60	8	75	5
Biotin, $\mu$ g	75	10	150	10
B <sub>6</sub> , mg	0.85	0.113	1.75	0.12
B <sub>12</sub> , $\mu$ g	5.60	0.750	7.30	0.487
Choline, mg	100	13.3	130	8.7
Folate, $\mu$ g	250	33.00	530	35.33
Inositol, mg	50	6.7	110	7.3
Niacin equiv, mg	16.70	2.23	30.3	2.02
Pantothenic acid, mg	7.80	1.040	10.90	0.726
Riboflavin, mg	1.0	0.133	2.4	0.160
Thiamin, mg	2.0	0.267	4.0	0.267

<sup>1</sup> Designed for infants and toddlers. <sup>2</sup> Designed for children, adolescents, and adults.

<sup>3</sup> Approximate **packed** weight of Cyclinex-1 and Cyclinex-2 in level, dry US standard household measures:

		<u>Cyclinex-1</u>	<u>Cyclinex-2</u>
1 Tbsp	=	8 g	8 g
1/4 cup	=	26 g	32 g
1/3 cup	=	35 g	41 g
1/2 cup	=	53 g	61 g
1 cup	=	105 g	117